

What is claimed is:

1. An electrical connector adapted for electrically receiving a daughter PCB, comprising:

an insulative housing comprising a receiving slot for insertion of the daughter PCB and a tower;

a signal terminal being retained in the insulative housing and adapted for electrically connecting with the daughter PCB; and

a power contact being retained in the tower and adapted for electrically connecting with the daughter PCB.

2. The electrical connector as described in claim 1, wherein the power contact comprises a retaining plate and a mating arm on two different parallel surfaces.

3. The electrical connector as described in claim 1, wherein the power contact comprises a pair of retaining plates for engaging with the insulative housing.

4. The electrical connector as described in claim 3, wherein the power contact comprises a connecting arm for connecting the retaining plates together.

5. A power contact retained in an electrical connector and adapted for electrically connecting a daughter PCB and a mother PCB, comprising:

a retaining plate adapted for being engageably received in the electrical connector;

a soldering tail extending downwardly from the retaining plate adapted for

soldering onto the mother PCB;

a mating arm extending inwardly from the retaining plate adapted for electrically connecting with the daughter PCB; and

a connecting arm extending from the retaining plate and being adapted for engageably received in the daughter PCB.

6. The power contact as described in claim 5, wherein the mating arm and the retaining plate are located on two different parallel surfaces.

7. The power contact as described in claim 5, wherein the mating arm extends from a bottom end of the retaining plate.

8. The power contact as described in claim 5, wherein the mating arm extends from a top end of the retaining plate.

9. The power contact as described in claim 5, wherein the mating arm extends from an inner side of the retaining plate.

10. An electrical connector assembly comprising:
an insulative housing defining an elongated central slot extending along a longitudinal direction thereof;
two rows of signal contacts located by two sides of the central slot;
a tower located around one end of said housing, said central slot extending into the tower; and

a plurality of power contacts located in the tower along said longitudinal direction, each of said power contacts including a shielding plate with a pair of mating arms located by said two sides of the central slot; wherein

in each of said power contacts, the shielding plate defines a first plane and said pair of mating arms defines a second plane offset from said first plane along said longitudinal direction.

11. The assembly as described in claim 10, wherein each of said power contacts defines a portion crossing the central slot.

12. The assembly as described in claim 11, wherein a daughter board is received in the central slot to engage the signal contacts and mating arms of the power contacts.

13. The assembly as described in claim 12, wherein said daughter board defines a notch receiving said portion therein.

14. The assembly as described in claim 10, wherein the mating arms of the power contacts and the signal contacts are essentially located at a same level which is lower than another level the shielding plates of the power contacts are located at.